Customer Number: 20277

UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:



Transmitted herewith for filing is the patent application of:

INVENTOR: Hans Jurgen MATTAUSCH, Tetsushi KOIDE, Tetsuo HIRONAKA, Hiroshi

UCHIDA, Koh JOHGUCHI, Zhaomin ZHU

FOR: MEMORY WITH SYNCHRONOUS BANK ARCHITECTURE

Enclosed are:

52 pages of specification, claims, abstract.

Declaration and Power of Attorney.

Priority Claimed.

Certified copy of Japanese Patent Application No. 2003-167989

26 sheets of formal drawing.

An assignment of the invention to Semiconductor Technology Academic Research Center

and the assignment recordation fee.

Information Disclosure Statement, Form PTO-1449 and references.

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The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	AMOUNT
Total Claims	15	-20	0	\$18.00	\$0.00
Independent Claims	7	-3	4	\$86.00	\$344.00
]	Multiple Dep	endent Claim(s)	\$0.00
Basic Fee				\$770.00	
Total of Above Calculations			\$1,114.00		
			Less ½	for Small Entity	\$0.00
		I	Assignment &	Recording Fee	\$40.00
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Respectfully submitted,

MCDERMOTT, WILL & EMERY

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Date: February 27, 2004